Title (en)

SUBSTITUTED PYRIDINES AS INHIBITORS OF DNMT1

Title (de)

SUBSTITUIERTE PYRIDINE ALS INHIBITOREN VON DNMT1

Title (fr)

PYRIDINES SUBSTITUÉES UTILISÉES EN TANT QU'INHIBITEURS DE DNMT1

Publication

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Application

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Abstract (en)

[origin: WO2017216726A1] The invention is directed to substituted pyridine derivatives. Specifically, the invention is directed to compounds according to Formula (Iar): (Iar) wherein Yar, X1ar, X2ar, R1ar, R2ar, R3ar, R4ar and R5ar are as defined herein; or a pharmaceutically acceptable salt or prodrug thereof. The compounds of the invention are selective inhibitors of DNMT1 and can be useful in the treatment of cancer, pre-cancerous syndromes, beta hemoglobinopathy disorders, sickle cell disease, sickle cell anemia, and beta thalassemia, and diseases associated with DNMT1 inhibition. Accordingly, the invention is further directed to pharmaceutical compositions comprising a compound of the invention. The invention is still further directed to methods of inhibiting DNMT1 activity and treatment of disorders associated therewith using a compound of the invention or a pharmaceutical composition comprising a compound of the invention.

IPC 8 full level

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